REMARKS

Applicant respectfully requests consideration of the subject application as amended herein. This Amendment is submitted in response to an Office Action mailed on December 19, 2002. Claims 1-34 are rejected. Claims 1, 7, 9-12, 22, 24, and 34 have been amended. Claim 8 has been canceled.

The Examiner rejected claims 1-5, 7, 14, 22-27 and 34 under 35 U.S.C. § 102(e) as being anticipated by Choung, et al. (U.S. Patent No. 6,487,195, hereinafter "Choung"). Claims 6, 8, 13, 15-21 and 32-33 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Choung, et al., in view of Anupam, et al., (U.S. Patent No. 6,360,250, hereinafter "Anupam"). Claims 9-12 and 28-31 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. As discussed below, the pending claims are patentable over the above references.

Choung discloses a collaborative network navigation synchronization mechanism. The location information of web pages are relayed to all following terminals of a group of participating user terminals, while a leading terminal of the group is navigating through the web pages by using its web browser. Each of the following terminals has a web navigation synchronizer. Upon receiving the web page location information, the web navigation synchronizer updates its respective web browser and activates the browser to locate web pages according to the web page location information.

Contrary to the presently claimed invention, Choung does not teach or suggest providing co-navigation of web pages having dynamic content. The presently claimed invention, in contrast, enables co-navigation of web documents with dynamic content, i.e., the web document content that depends at least partially on information stored

outside of the web site on which the web document resides. For example, as stated in the present Specification, the dynamic content may change "depending on the user's geographic location, time of day, previous pages viewed by the user, profile of the user, user login, user session, cookie of the user, or any other information provided by the user" (Specification, page 12, line 22 through page 13, line 3).

Furthermore, in the presently claimed invention, web documents pertaining to the shared session are modified to prepare for co-navigation of the dynamic content. For example, as stated in the present Specification, in one embodiment, such modifications may include replacing each link that directs a dynamic event contained in a web document to a web site with a link that directs this dynamic event to a co-navigation service (Specification, page 27, lines 6-7). In another embodiment, such modifications include incorporating relevant business rules into a web page (Specification, page 27, lines 14-15), etc.

Choung does not teach or suggest the above features of the present invention that are included in the following claim language of claim 1:

> ...modifying the at least one web document to prepare for co-navigation of dynamic content of the at least one web document, the dynamic content depending at least partially on information stored outside of said web site; and

> enabling co-navigation of the at least one web document with the dynamic content by the at least two clients during the shared session.

Similar language is included in claims 24 and 34. Accordingly, Claims 1, 24 and 34 and their corresponding dependent claims are not anticipated by Choung.

With respect to independent claims 22 and 23, they include different limitations than those of independent claim 1. Hence, Applicants are unclear why they were "rejected under the same rationale set forth above to claim 1" (Office Action, page 6). As to claim 22, Choung does not teach or suggest enabling a joint completion of a web form

by participants of a shared session. Thus, Choung lacks all of the pertinent features of claim 22. Thus, claim 22 is not anticipated by Choung.

As to claim 23, Choung does not teach or suggest maintaining a set of business rules concerning displayed information, modifying a web document in accordance with the set of business rules, providing co-navigation of the modified web document to two or more participants, as does the present invention as claimed in claim 23. Thus, claim 23 is not anticipated by Choung.

Further, Anupam does not help Choung because it does not teach or suggest at least the features of the presently claimed invention that are lacking in Choung. Accordingly, Applicants respectfully submit that Applicants' invention as claimed in independent claims 1, 22-24 and 34 and corresponding dependent claims is not rendered obvious by the above references. Thus, Applicants respectfully request the withdrawal of the rejection under 35 U.S.C. § 102(e) and 35 U.S.C. § 103(a). Applicants furthermore submit that all pending claims are in condition for allowance, which is earnestly solicited.

If the Examiner determines that the prompt allowance of these claims could be facilitated by a telephone conference, the Examiner is invited to contact Marina Portnova at (408) 720-8300.

Deposit Account Authorization

Authorization is hereby given to charge our Deposit Account No. 02-2666 for any

charges that may be due. Furthermore, if an extension is required, then Applicant hereby

requests such extension.

Respectfully submitted,

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Dated: March 19, 2003

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VERSION OF SPECIFICATION WITH MARKINGS:

On page 26, please replace paragraph 2 with the following:

Referring to **Figure 6**, the parsing and lexing process begins with identifying every dynamic event in a web page (processing block 606). Dynamic events include functions within the code of a web page that enable creation of a new web page on the client side by accessing the web site being co-navigated, and various functions within the code of a web page that enable creation of web page portions on the client side without accessing the web site being co-navigated . Some examples of these latter functions are JavaScript methods (e.g., *document.write*, *eval*, etc.) which allow users to dynamically create HTML content and links as the web page loads. Other examples may include such HTML functions as *onclick* and *mouseover* events. The *onclick* function may be used to execute JavaScript code when a user clicks a form element or a link. The *mouseover* function may be used to trigger a change on an item (e.g., a graphic) in a web page when the mouse passes over it. In one embodiment, the JavaScript command "OnChange" or "OnClick" traps actions by both the CSR and the client, and pass them to each other's shared browsers. Examples of this include clicking on links, filling information into a form, and opening pop-up windows. **[Please add the description you were referring to at our meeting on 9-22-00.]**

VERSION OF CLAIMS WITH MARKINGS:

1.   (Amended) A method for exchanging information over a communications network, the method comprising:

connecting at least two clients to a proxy over the communications network;

activating a shared session between the at least two clients;

retrieving at least one web document pertaining to the shared session from a web site;

modifying the at least one web document to prepare for co-navigation of dynamic content of the at least one web document, the dynamic content depending at least partially on information stored outside of said web site; and

enabling co-navigation of the at least one web document with the dynamic content by the at least two clients during the shared session.

7. (Amended) The method of claim 1 wherein enabling the at least two clients to co-navigate includes:

presenting [a] the at least one web document [retrieved from a web site] to the at least two clients; and

submitting responses received from any of the at least two clients to the web site.

9. (Amended) The method of claim [8]1 wherein modifying the [requested] at least one web document includes:

identifying a dynamic event in the at least one web document; and

replacing a link directing the dynamic event to the web site with a link or code directing the dynamic event to [the] a proxy.

10.   (Amended) The method of claim [8] 1 wherein modifying the [requested] at least one web document includes incorporating at least one business rule into the at least one web document when the at least one business rule applies to the at least one web document.

11.   (Amended) The method of claim [8] 1 wherein modifying the [requested] at least one web document includes [replaces] replacing all references to a top frame in the web document with a code referencing a frame which would be the top window had the web document not been loaded in a co-navigation session.

12.   (Amended) The method of claim [9] 7 wherein submitting responses further includes:

receiving a web response from any of the at least two clients;

converting the web response to a web request; and

transferring the web request to the web site.

22.   (Amended) A method for jointly completing a web form by participants of a shared session, the method comprising:

monitoring data entered into the web form by at least two participants of the shared session;

detecting a change of data entered into the web form by one of the at least two participants; and

reflecting said change of [date] data in the web form displayed to the rest of the at least two participants.

24.   (Amended) A system for exchanging information over a communications

network, the system comprising:

a first client device, connected to the communications network;

a second client device, connected to the communications network, to issue a

message indicating a willingness to begin a shared session; and

a co-navigation service, connected to the communications network, to receive the

message from the second client device, to activate the shared session between at least a

user of the first client device and a user of the second client device, to retrieve at least one

web document pertaining to the shared session from a web site, to modify the at least one

web document to prepare for co-navigation of dynamic content of the at least one web

document, the dynamic content depending at least partially on information stored outside

of said web site, and to enable co-navigation of the at least one web document with the

dynamic content by at least the user of the first client device and the user of the second

client device during the shared session.

34.   (Amended) A computer readable medium comprising instructions, which when

executed on a processor, perform a method for exchanging information over a

communications network, the method comprising:

connecting at least two clients to a proxy over the communications network;

activating a shared session between the at least two clients;

retrieving at least one web document pertaining to the shared session from a web

site;

modifying the at least one web document to prepare for co-navigation of dynamic content of the at least one web document, the dynamic content depending at least partially on information stored outside of said web site; and

enabling co-navigation of the at least one web document with the dynamic content by the at least two clients during the shared session.